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Installation Instructions

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Linux x64 self extracting binary installation instruction for the Java Runtime Environment (JRE)

This article applies to:

- **Platform(s):**
  Sun Java Desktop System, Red Hat Linux, SUSE Linux
- **Browser(s):**
  Mozilla 1.4+
- **JRE version(s):**
  1.5.0

Follow these steps to download and install the JRE for Linux.

1. **Download**
2. **Install**

JRE HELP

> **Installation Instructions**
> Configuration
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> Legal

JRE FAQ

> General Questions
> Mobile Java or Java ME

Linux system requirements

Platform	Version	Memory	Browsers	Diskspace
LINUX 32-bit				
Intel IA32	Red Hat 9.0	64mb	Mozilla 1.4+	58 MB
	Red Hat Enterprise Linux AS 3.0	64mb		
	Red Hat Enterprise Linux WS 2.1	64mb		
	Red Hat Enterprise Linux ES 2.1	64mb		
	Red Hat Enterprise Linux AS 2.1	64mb		
	SuSE 8.2	64mb		
	SLEC 8	64mb		
	SLES 8	64mb		
	TurboLinux 8.0	64mb		
	Sun Java Desktop System, Release 1	64mb		
	Sun Java Desktop System, Release 2	64mb		
AMD Opteron 32-bit	Red Hat Enterprise Linux AS 3.0			
	SLES 8			

LINUX 64-bit				
AMD Opteron 64-bit	Red Hat Enterprise Linux AS 3.0		Mozilla 1.4+	56 MB
	SLES 8			

I. Download

1. Go to http://java.com
2. Click on **_Java Software Download_** button

   Note: *The instructions below are for installing JRE 1.5.0_02. If you are installing another version, make sure you change the version number appropriately when you type the commands at the terminal.*
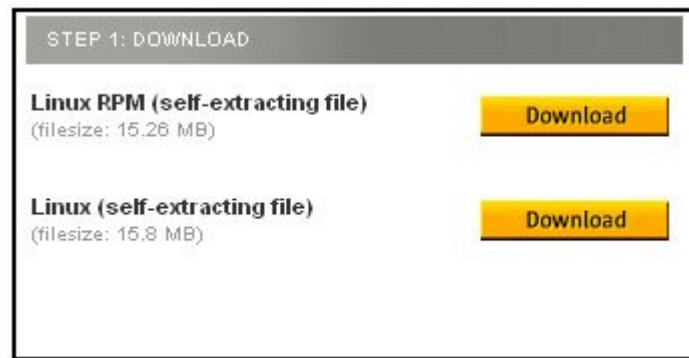
3. Click the **Download** button next to Linux Self-extracting x64 package.
4. After download verify: **For Linux self-extracting x64 packages**
   - Name of the file is jre-1_5_0_02-linux-amd64.bin
   - Size is approximately 15.41 MB

II. To install the Linux self-extracting x64 file

Follow these instructions:

1. At the terminal: Type:
   su
2. Enter the root password.
3. Change to the directory in which you want to install. Type:
   cd
   For example, to install the software in the /usr/java/ directory, Type:
   cd /usr/java

   Note about root access: *To install the JRE in a system-wide location such as /usr/local, you must login as the root user to gain the necessary permissions. If you do not have root access, install the JRE in your home directory or a subdirectory for which you have write permissions.*
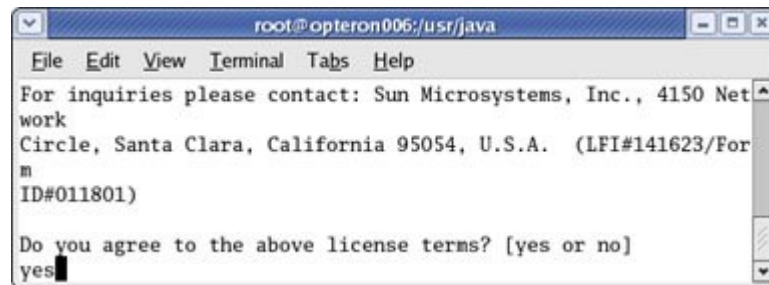4. Change the permission of the file you downloaded to be executable. Type:
   chmod a+x jre-1_5_0_02-linux-amd64.bin
5. Verify that you have permission to execute the file. Type:
   ls -l

```
                 root@opteron006:/usr/java          _ □ ×
 File  Edit  View  Terminal  Tabs  Help
 [root@opteron006 java]# ls -l
 total 15808
 -rwxr-xr-x  1 root root 16160568 Mar 18 14:41 jre-1_5_0
 _02-linux-amd64.bin
 [root@opteron006 java]# ☐
```

6. Start the installation process. Type:
    ./jre-1_5_0_02-linux-amd64.bin
    Note: If the file is in the current directory, prepend it with "./"
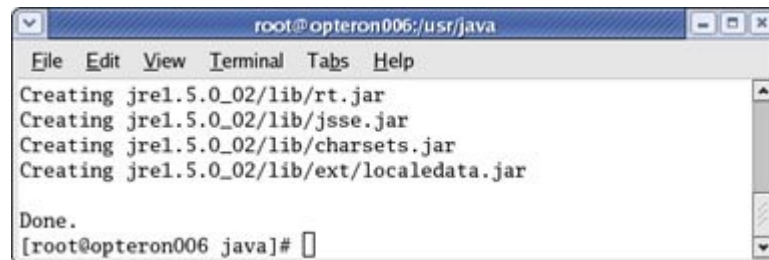
    This displays a binary license agreement. Read through the agreement. Press
    the spacebar to display the next page. At the end, enter **yes** to proceed with the
    installation.

```
                 root@opteron006:/usr/java          _ □ ×
 File  Edit  View  Terminal  Tabs  Help
 For inquiries please contact: Sun Microsystems, Inc., 4150 Net
 work
 Circle, Santa Clara, California 95054, U.S.A.  (LFI#141623/For
 m
 ID#011801)

 Do you agree to the above license terms? [yes or no]
 yes█
```
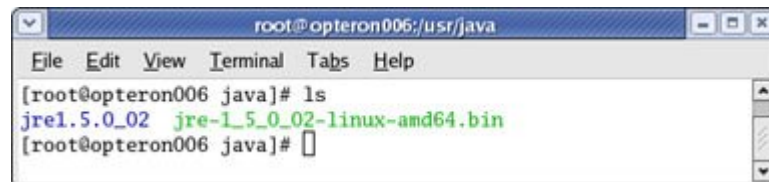
7. The JRE is installed into its own directory. In this example, it is installed in
    the **/usr/java/jre1.5.0_02** directory. When the installation has completed, you will
    see the word **Done**.

```
                 root@opteron006:/usr/java          _ □ ×
 File  Edit  View  Terminal  Tabs  Help
 Creating jre1.5.0_02/lib/rt.jar
 Creating jre1.5.0_02/lib/jsse.jar
 Creating jre1.5.0_02/lib/charsets.jar
 Creating jre1.5.0_02/lib/ext/localedata.jar

 Done.
 [root@opteron006 java]# ☐
```

8. The JRE is installed in jre1.5.0_(version number) sub-directory under the current
    directory. In this case, the JRE is installed in the **/usr/java** directory. Verify that
    the **jre1.5.0_02** sub-directory is listed under the current directory. Type:
    ls

```
                 root@opteron006:/usr/java          _ □ ×
 File  Edit  View  Terminal  Tabs  Help
 [root@opteron006 java]# ls
 jre1.5.0_02  jre-1_5_0_02-linux-amd64.bin
 [root@opteron006 java]# ☐
```

9. Delete the bin installation file if you want to save disk space.
10. Exit the root shell.

NEED MORE HELP?

If you require further assistance, please make sure you check through our Help and FAQ sections thoroughly. We probably have a page that answers your question.

You may find information on the following topics in the Help section:
Installation Instructions
Configuration
Error Messages
Applet Application

This page meets my need.

disagree ◯ ◯ ◯ ◯ ◯ ◯ agree

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